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Vegetation information recreated with the use of USFS GIS Mapping

MANTITLA S&L NATIONAL FOREST VEGETATION COVER TYPE MAPPING

- |  |                                      |
|--|--------------------------------------|
| GRASSLANDS   | MOUNTAIN BRUSH LANDS                 |
| 10 GRASSLANDS UNCLASSIFIED                               | 50 MOUNTAIN BRUSH                    |
| 11 PERENNIAL GRASSLANDS (HIGH ELEVATIONS)                | 51 OAKBRUSH                          |
| 12 PERENNIAL GRASSLANDS (MID-LOW ELEVATIONS)             | 52 MOUNTAIN MARIE                    |
| 13 DESERT GRASSLANDS                                     | 53 CURLEAF MOUNTAIN MAHOGANY         |
| 20 RIPARIAN LANDS  | 54 TRUE MOUNTAIN MAHOGANY            |
| 21 PERENNIAL WET LANDS & MEADOWS                         | 55 HIGH MOUNTAIN BRUSH               |
| 22 INTERMEDIATE WET/RIPIARIAN AREAS                      | 56 MANZANITA                         |
| 23 WET/RIPIARIAN AREAS                                   | 60 CONIFEROUS FOREST LANDS           |
| 24 OTHER SHRUB DOMINATED RIPARIAN AREAS                  | 61 WHITE FIR FOREST                  |
| 26 LAKES, PONDS & RESERVOIRS                             | 62 PONDROSA PINE FOREST              |
| 30 PERENNIAL FORB LANDS (HIGH & MID ELEVATIONS)          | 63 DOUGLASS FIR FOREST               |
| 31 PERENNIAL FORB LANDS (APINE & SUB-APINE ELEVATIONS)   | 64 BLUE SPRUCE FOREST                |
| 32 PERENNIAL FORB LANDS (MID TO LOW ELEVATIONS)          | 65 LUMBER PINE & BRISTLE CONE FOREST |
| 33 ACTIVE LAND SLIDES-WITH LITTLE OR NO VEGETATION COVER | 80 ASPEN FOREST LANDS                |
| 40 SAGEBRUSH LANDS                                       | 81 ASPEN SNOWBERRY                   |
| 41 BLACK SAGEBRUSH                                       | 82 ASPEN BIG SAGEBRUSH               |
| 42 WYOMING BIG SAGEBRUSH                                 | 83 ASPEN CREEPING BARBERY            |
| 43 BASIN BIG SAGEBRUSH                                   | 84 ASPEN MIXED MOUNTAIN BRUSH        |
| 44 BIG MOUNTAIN SAGEBRUSH                                | 85 ASPEN MIXED CONIFER               |
| 45 SILVER SAGEBRUSH                                      | 90 PINYON JUNIPER WOODLANDS          |
| 46 RABBIT BRUSH (RUBBER & YELLOW BRUSH)                  | 91 PINYON JUNIPER WOODLANDS          |
|  | 92 PINYON WOODLANDS                  |
|  | 93 ROCKY MOUNTAIN JUNIPER WOODLANDS  |
|  | 94 PINYON ROCK OUTCROPS & LEDGES     |

- LEGEND
- COAL LEASE BOUNDARY
  - DEER CREEK MINE PERMIT BOUNDARY
  - 248 FOREST SERVICE ROAD OR TRAIL ROUTE I.D. NUMBER
  - ELEVATION
  - DRAIN HOLE



I, DOUGLAS E. JOHNSON, BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Douglas E. Johnson*  
DOUGLAS E. JOHNSON (No. 160534-2202)  
DATE: 5-1-06

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ENERGY WEST  
MINING COMPANY  
HUNTINGTON, UTAH 84628  
DEER CREEK MINE - MILL FORK AREA  
STATE LEASE ML-48258/UTU-84285  
VEGETATION MAP

DRAWN BY: K. LARSEN  
SCALE: 1"=1000'  
DATE: NOVEMBER 4, 2002  
DRAWING #: MFS1821D  
SHEET 1 OF 1  
REV. 6